



# Crop Weather Report

**Issue: 07-34**

Issued: Weekly: Apr-Oct  
Monthly: Nov-Mar

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**Released: Oct. 29, 2007**  
For the Week Ending:  
Oct. 28, 2007

## Weather Summary

For the week ending October 28<sup>th</sup>, Montana experienced above normal temperatures and limited precipitation. Highs were mostly in the 70s to 80s, and lows were mostly in the teens to 20s. Stanford and Hardin shared the weekly high temperature of 84 degrees. Deer Lodge had the low temperature of 8 degrees. West Glacier received the most moisture during the week at 0.54 of an inch. White Sulphur Springs had 4.0 inches of snowfall on October 26<sup>th</sup>, breaking the previous daily snowfall record for that day of 2.0 inches set in 1955. Topsoil moisture adequate and surplus is 46 percent, below last week's 57 percent, last year's 79 percent, and the five-year average of 48 percent. Subsoil moisture adequate and surplus, at 29 percent, is below last week's 35 percent and last year's 43 percent, but is above the five-year average of 27 percent. There were 6.4 days suitable for fieldwork compared to 5.9 days the previous week.

The weather outlook for November 5<sup>th</sup> through November 11<sup>th</sup> is for above normal temperatures and below normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the upper 30s to the upper 40s and lows ranging from 15 degrees to the upper 20s.

Soil Moisture & Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Topsoil Moisture</b>				
Very Short	11	5	3	22
Short	43	38	18	30
Adequate	43	55	70	45
Surplus	3	2	9	3
<b>Subsoil Moisture</b>				
Very Short	24	23	16	37
Short	47	42	41	36
Adequate	28	34	42	27
Surplus	1	1	1	0
<b>Days Suitable for Fieldwork</b>				
Days	6.4	5.9	4.6	5.2

## Special Publication Notice:

This is the last weekly report for the 2007 crop year. Monthly reports will be released starting December 3, 2007 summarizing November and continuing every first Monday of the month until April 2008.

## Field Crops Report

Eighty-three percent of winter wheat has emerged compared to 76 percent last week and 64 percent last year. Fifty percent of winter wheat is rated good to excellent. Reports in the central district indicate some winter wheat fields look poor due to seeding in dry conditions.

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Planted</b>				
Winter Wheat	99	96	94	98
<b>Emerged</b>				
Winter Wheat	83	76	64	78
<b>Harvested</b>				
Corn for Grain	49	33	18	n/a

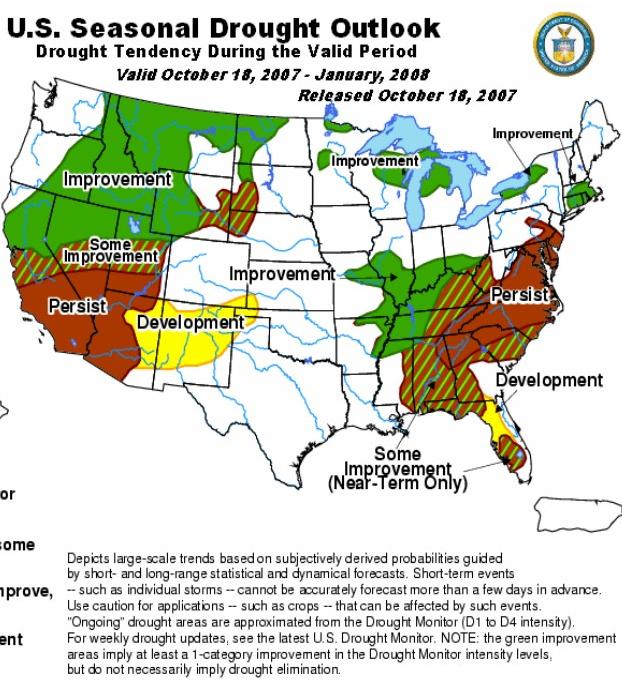
  

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Corn</b>				
Very Poor	0	0	6	n/a
Poor	4	4	2	n/a
Fair	16	10	18	n/a
Good	65	71	53	n/a
Excellent	15	15	21	n/a
<b>Winter Wheat</b>				
Very Poor	1	0	1	2
Poor	2	8	5	7
Fair	47	44	35	36
Good	45	46	49	45
Excellent	5	2	10	10

## Livestock Report

Livestock are being moved into their regular fall pastures. Warm weather with fair moisture during the month has pastures looking better than the previous week. Range and pasture feed conditions are better than last year and the five-year average. Ranchers started supplemental feeding for only a few more herds than the previous week.

Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
<b>Range and Pasture Feed Condition</b>				
Very Poor	10	16	15	24
Poor	17	20	20	25
Fair	39	36	44	32
Good	30	24	17	16
Excellent	4	4	4	3
<b>Moved From Summer Ranges</b>				
Cattle and Calves	73	64	81	76
Sheep and Lambs	79	71	83	79
<b>Receiving Supplemental Feed</b>				
Cattle and Calves	17	14	17	17
Sheep and Lambs	14	13	15	15



THIS INFORMATION IS ALSO AVAILABLE ON THE INTERNET AT: <http://www.nass.usda.gov/mt/>

Completed and Summarized by:  
USDA, NASS, Montana Field Office

In conjunction with: MSU Extension Agents  
USDA County Service Centers

**Weather Information for the Week ending 10/28/2007**

Station ID							Precipitation						
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	Low	Avg	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
<b>NORTHWEST</b>													
Alberton	69	19	42	2	+2	0.06	-0.08	7.62	-0.81	90	1.03	+0.35	151
Anaconda	78	17	45	13	+13	0.02	-0.19	11.99	+0.79	107	1.13	+0.21	123
Clinton	66	17	42	4	+4	0.00	-0.14	10.63	+2.20	126	1.34	+0.66	197
Corvallis	75	20	46	12	+12	0.01	-0.17	6.48	-1.80	78	0.92	+0.18	124
Creston	70	18	43	8	+8	0.09	-0.19	7.55	-5.28	59	0.64	-0.48	57
Deer Lodge	76	8	42	9	+9	0.00	-0.14	8.79	+0.36	104	0.87	+0.27	145
Drummond	72	12	43	3	+3	0.00	-0.14	10.20	+0.95	110	1.17	+0.42	156
Hamilton	74	18	48	21	+21	0.00	-0.18	6.98	-1.30	84	0.92	+0.18	124
Kalispell	72	19	45	11	+11	0.12	-0.09	7.16	-2.58	74	0.87	+0.09	112
Missoula	68	22	45	9	+9	0.00	-0.14	6.21	-2.22	74	0.58	-0.10	85
Olney	65	12	37	0	+0	0.20	-0.14	6.48	-5.39	55	1.74	+0.56	147
Polson	72	20	47	21	+21	0.03	-0.18	9.64	-1.34	88	0.79	-0.13	86
St Ignatius	76	20	47	23	+23	0.02	-0.19	8.79	-2.60	77	0.43	-0.54	44
Seeley Lake	72	20	44	5	+5	0.09	-0.20	7.02	-3.35	68	0.82	-0.30	73
Sula	75	13	42	3	+3	0.00	-0.22	11.77	+0.76	107	1.63	+0.59	157
Superior	75	20	45	5	+5	0.07	-0.21	10.75	+1.70	119	1.34	+0.29	128
Swan Lake	74	18	41	3	+3	0.30	-0.24	11.75	-2.54	82	1.53	-0.39	80
Thompson Falls	77	22	46	11	+11	0.06	-0.36	8.98	-1.61	85	1.99	+0.56	139
West Glacier	66	18	44	4	+4	0.54	+0.03	12.21	-2.85	81	2.95	+1.15	164
<b>NORTH CENTRAL</b>													
Chester	80	14	49	19	+19	0.00	-0.07	6.80	-1.78	79	0.34	-0.01	97
Chinook	80	17	46	21	+17	0.00	-0.07	10.25	+0.07	101	0.58	+0.06	112
Choteau	77	14	49	24	+15	0.00	-0.07	6.34	-2.65	71	1.03	+0.64	264
Cut Bank	73	22	48	18	+18	0.02	-0.05	5.24	-4.61	53	0.79	+0.40	203
Ft Assinniboine	81	16	47	24	+17	0.20	+0.13	10.21	+0.63	107	0.52	-0.05	91
Fort Benton	78	19	47	22	+15	0.19	+0.05	9.64	-1.36	88	0.76	+0.02	103
Goldbutte	76	12	49	35	+30	0.00	-0.07	10.37	-0.51	95	0.62	+0.04	107
Harlem	82	15	46	22	+19	0.00	-0.07	10.31	+0.73	108	0.48	-0.06	89
Havre	82	14	50	34	+31	0.00	-0.07	9.78	+1.11	113	0.22	-0.28	44
Malta	83	17	49	25	+25	0.00	-0.08	11.29	+0.73	107	0.93	+0.37	166
Rudyard	81	18	47	23	+16	0.00	-0.14	10.29	-0.90	92	0.13	-0.56	19
Shelby	75	15	49	24	+17	0.00	-0.07	7.15	-3.08	70	0.57	+0.11	124
Turner	78	11	49	29	+29	0.02	-0.06	9.22	-1.34	87	0.59	+0.03	105
Valier	74	23	50	26	+19	0.00	-0.07	8.43	-1.80	82	1.11	+0.65	241
<b>NORTHEAST</b>													
Bredette	76	16	45	12	+12	0.00	-0.10	13.26	+2.76	126	1.41	+0.81	235
Culbertson	80	19	47	13	+13	0.01	-0.13	11.90	-0.05	100	1.02	+0.24	131
Glasgow	79	20	48	20	+18	0.00	-0.12	13.12	+3.90	142	1.42	+0.84	245
Glendive	80	25	52	30	+23	0.00	-0.14	11.68	+0.36	103	0.93	+0.24	135
Jordan	81	14	48	22	+16	0.00	-0.14	13.66	+2.92	127	1.52	+0.80	211
Nashua	80	15	48	19	+17	0.00	-0.12	15.13	+5.91	164	1.44	+0.86	248
Opheim	74	15	44	8	+8	0.00	-0.07	11.79	+1.63	116	0.82	+0.34	171
Plentywood	77	17	45	7	+7	0.00	-0.07	15.56	+5.06	148	1.35	+0.77	233
St Marie	76	16	48	22	+20	0.00	-0.12	10.71	+1.49	116	1.55	+0.97	267
Scobey	78	15	46	8	+8	0.00	-0.10	12.70	+2.20	121	1.38	+0.78	230
Sidney	77	22	49	20	+17	0.00	-0.14	12.09	+0.75	107	1.21	+0.40	149
Wolf Point	79	16	46	10	+7	0.00	-0.14	13.07	+0.72	106	1.05	+0.30	140
<b>CENTRAL</b>													
Cascade	71	12	47	18	+15	0.00	-0.14	11.73	-0.25	98	0.97	+0.11	113
Grass Range	82	19	50	30	+22	0.20	+0.01	16.51	+3.03	122	1.81	+0.92	203
Great Falls	76	23	50	28	+21	0.00	-0.14	8.23	-2.83	74	0.62	-0.10	86
Harlowton	77	17	45	12	+5	0.15	+0.01	14.11	+2.98	127	2.14	+1.38	282
Helena	74	26	48	17	+14	0.00	-0.11	8.86	+0.13	101	0.96	+0.39	168
Lewistown	82	20	48	24	+20	0.23	+0.02	13.76	-0.03	100	0.93	-0.09	91
Martinsdale	79	15	49	28	+23	0.22	+0.08	9.77	-0.85	92	1.00	+0.35	154
Neihart	76	19	45	12	+12	0.23	-0.04	17.30	+1.77	111	0.88	-0.33	73
Rogers Pass	74	14	45	15	+8	0.00	-0.13	12.09	+1.69	116	0.89	+0.27	144
Roundup	80	18	53	37	+24	0.00	-0.14	13.96	+3.59	135	1.49	+0.66	180
Ryegate	78	18	45	13	+13	0.12	-0.02	12.08	+1.72	117	1.31	+0.65	198
Stanford	84	22	52	34	+27	0.28	+0.12	12.21	-0.96	93	1.10	+0.28	134
Townsend	74	20	46	13	+6	0.24	+0.10	8.07	-0.98	89	1.16	+0.53	184
Valentine	81	14	46	16	+9	0.00	-0.14	13.06	+1.23	110	1.45	+0.79	220
Wht Sulphur Spr	72	17	45	20	+20	0.45	+0.24	7.53	-4.19	64	1.08	+0.05	105
<b>SOUTHWEST</b>													
Boulder	71	18	45	12	+12	0.03	-0.04	9.16	+0.07	101	0.85	+0.34	167
Bozeman	74	21	47	12	+7	0.06	-0.29	17.37	+3.19	122	2.87	+1.40	195
Butte	72	18	41	1	+1	0.01	-0.13	10.97	+1.58	117	1.08	+0.45	171
Dillon	73	20	45	10	+10	0.01	-0.13	10.08	+1.58	119	0.98	+0.39	166
Ennis	73	13	43	7	+4	0.00	-0.20	11.94	+1.33	113	1.77	+0.89	201
Lakeview	65	23	43	0	+0	0.00	-0.28	7.92	-5.50	59	1.69	+0.53	146
W Yellowstone	66	22	41	0	+0	0.00	-0.31	9.34	-2.78	77	2.18	+1.01	186
Wisdom	71	18	42	0	+0	0.12	-0.02	10.16	+1.99	124	1.40	+0.79	230
<b>SOUTH CENTRAL</b>													
Billings	78	31	53	40	+29	0.00	-0.21	13.18	+2.52	124	2.18	+1.13	208
Cooke City	69	24	46	4	+4	0.00	-0.33	9.39	-5.68	62	1.55	+0.20	115
Gardiner	70	26	47	8	+1	0.00	-0.14	5.41	-2.52	68	1.71	+1.00	241
Hardin	84	23	53	38	+31	0.00	-0.26	11.74	+0.13	101	2.05	+0.86	172
Huntley	83	20	49	27	+20	0.00	-0.20	12.81	+1.88	117	1.90	+0.97	204
Hysham	79	22	52	27	+18	0.00	-0.19	13.39	+2.83	127	1.89	+0.95	201
Joliet	74	22	47	18	+11	0.00	-0.27	12.05	-0.19	98	2.21	+0.97	178
Livingston	78	18	49	28	+20	0.07	-0.19	11.97	-0.46	96	2.01	+0.83	170
Nye	74	23	49	23	+15	0.03	-0.23	13.31	+0.88	107	2.34	+1.16	198
R													